

CITIES SERVICE #204-A STATE 200-2
SW NW 2-10N-25E APACHE COUNTY

MA-2

sl

COUNTY Apache AREA 2½ mi NE/Vernon LEASE NO. State 6450

WELL NAME Cities Service #204-A State (Strat)

LOCATION SW NW SEC 2 TWP 10N RANGE 25E FOOTAGE 3810' FSL 210' FWL

ELEV 6744 GR KB SPUD DATE 7-18-62 STATUS COMP. DATE 7-21-62 TOTAL DEPTH 637'

per JNC
CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
				X			

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Basalt & Cinders	Surface		X	
Cretaceous	272'			
Dakota	298			
Moenkopi	394'			
San Andres	576'			
Glorieta	625			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Widco SP - Resistivity	NA	NA	SAMPLE DESCRP. <u>X</u>
			SAMPLE NO. <u> </u>
			CORE ANALYSIS <u> </u>
			DSTs <u> </u>

REMARKS *6744'/Widco Log agrees with USGS 7½' quad, Vernon APP. TO PLUG
PLUGGING REP. X
COMP. REPORT X

WATER WELL ACCEPTED BY Eben H. Whitting, Vernon, AZ 8-26-62
(surface owner)
BOND CO. Insurance Company of North America BOND NO. M 24 81 17
DATE ORGANIZATION REPORT 6-19-62
BOND AMT. \$ 10,000 CANCELLED 9-12-63 WELL BOOK X PLAT BOOK X
FILING RECEIPT 9306 LOC. PLAT X DEDICATION Strat
API NO. 02-001-05363 DATE ISSUED 7-6-62

PERMIT NUMBER 200-2

(over)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input checked="" type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input checked="" type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator Cities Service Petroleum Company				Address P. O. Box 760, Roswell, New Mexico					
Lease Name State Lease 6450				Well Number 204A		Field & Reservoir Strat test Wildcat			
Location 3810 FSL & 210 FWL of Section 2, T-10-N, R-25-E									
County Apache		Permit number		Date issued		Previous permit number		Date issued	
Date spudded 7/18/62		Date total depth reached 7/21/62		Date completed, ready to produce		Elevation (DF, RKB, RT or Gr.) 6553 Gr.		Elevation of casing hd. flange feet	
Total depth		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.			
Producing interval (s) for this completion				Rotary tools used (interval) from surface to 637'			Cable tools used (interval)		
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?			Date filed		
No									
Type of electrical or other logs run (check logs filed with the commission) Widco - S.P. Resistivity							Date filed		
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled			
None									
TUBING RECORD									
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)		
PERFORATION RECORD									
Number per ft.	Size & type	Depth Interval		ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			Am't. & kind of material used		
							Depth Interval		
INITIAL PRODUCTION									
Date of first production		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)							
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)			
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio			
Disposition of gas (state whether vented, used for fuel or sold):									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>a Development Geologist</u> XXXX with <u>Cities Service Oil Company</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p>									
Date				Signature <u>P. K. Hurlbut</u>					
				<p style="text-align: center;">STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION</p> <p style="text-align: center;">Well Completion or Recompletion Report and Well Log</p> <p style="text-align: center;">Form No. P-7 File two copies</p> <p style="text-align: center;">Authorized by Order No. <u>4-6-59</u></p> <p style="text-align: center;">Effective <u>April 8,</u> 19 <u>59</u></p>					

200

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Basalt & Cinders	0	250	
Cretaceous	250	394	Sand and Shale.
Triassic	394	637	Variegated shales & sand.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

STATE: ARIZONA
COUNTY: APACHE
API 02-001-05303

10N-25E 2
NW SW
3810 FNL 210 FWL
STATUS: D&A

WELL CLASS: S
OPR: CITIES SERVICE PET 204A STATE

SPUD: 07/18/62 COMP: 07/21/62 ELEV: 6553 GR
ID: 637 (07/21/62) FM/TD: TRIASSIC
CONTR: NOT RPTD (R) (VERTICAL)
PROJ DEPTH/FM: 650 PERMAN PERMIT #200-2

COMP 7/21/62, D&A. NO CORES OR DSTS FIRST REPORT & COMPLETION

LOC DESCRIPTION: 22 MI SW ST JOHNS, AZ;
CASING: NO CSG RUN;
LOG TYPES: RES, SP;
DRLG COMMENTS: POSSIBLE FRESH H2O SANDS @ 250-TD.
OPER ADD: BOX 760, ROSWELL, NM;

PLUGGING RECORD					
Operator Cities Service Petroleum Company			Address P. O. Box 760, Roswell, New Mexico		
Name of Lease State Lease 6450			Well No. 204A Field & Reservoir Strat Wildcat		
Location of Well 3810' FSL & 210' FWL of Section 2, T-10-N, R-25-E			Sec-Twp-Rge or Block & Survey test County		
Application to drill this well was filed in name of		Has this well ever produced oil or gas No		Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry? Yes	
Date plugged: 7/21/62		Total depth 637'		Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls./day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging		Fluid content of each formation		Depth interval of each formation	
Triassic		Possible fresh water sand		250-637' TD	
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
None					
Was well filled with mud-laden fluid, according to regulations? Yes				Indicate deepest formation containing fresh water. 637'	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
Cities Service Oil Co.		Bartlesville, Oklahoma		North	
Cities Service Oil Co.		Bartlesville, Oklahoma		East	
Cities Service Oil Co.		Bartlesville, Oklahoma		South	
Wilson Oil Co.				West	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Possible fresh water sands from 250' to 637'. No plugs. Surface owner: Eben H. Whitting, Vernon, Arizona; See attached letter.					
Use reverse side for additional detail File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the a Development Geologist XXXX					
Cities Service Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date			Signature P. K. Hurlbut		
			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION		
			Form No. P-15 Plugging Record File two copies		
			Authorized by Order No. 4638		
			Effective April 6, 19 59		

900

2

OIL AND GAS CONSERVATION COMMISSION

STATE OF ARIZONA
3500 N. CENTRAL AVE. SUITE 221
PHOENIX 12, ARIZONA

ABANDONED WELL TRANSFER FORM

To the ~~XXXXXXXXXXXXXXXXXXXX~~ OIL AND GAS CONSERVATION COMMISSION

This is to advise you that I accept the abandoned wildcat well,
known as the Cities Service #204A Strat test, located on the
NW/4 SW/4 NW/4 of Section 2, Township 10 N.
(1 1 1)

Range 25 E., as a water well to be used for domestic purposes.

Further, that I accept full responsibility for the proper maintenance
of the well in compliance with the provisions of Arizona Revised
Statutes Title 27, Chapter Four, Articles 1 and 2.

Chen H. Whiting
(Signature)

(Street)

Vernon Ariz
(City) (State)

Date: August 26, 1962

200-2

(This form is to be filed in duplicate.)

200

2

OIL AND GAS CONSERVATION COMMISSION

STATE OF ARIZONA
3500 N. CENTRAL AVE - SUITE 221
PHOENIX 12, ARIZONA.

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of the well in compliance with the provisions of Arizona Revised
Statutes Title 27, Chapter Four, Articles 1 and 2.

Chen H. Whiting
(Signature)

(Street)

Vernon Ariz
(City) (State)

Date: August 26, 1967

200-2

(This form is to be filed in duplicate.)

Arizona Hole 131 (Vernon Area, Apache County)
Sec. 2, T10N-R25E
3810' FSL and 210' FSL
Elev. 6553'

Spud - July 18, 1962
Drilling w/compressed air 4 3/4" hole.

- 0-89 Basalt; m-dk gry, hd, v.f xln, dse, w/occ phenocrysts of olivine, vesicular in pt
- 89-250 Basalt; cinders & soil interbed; basalt as above; cinders, basalt, v. vesicular, blk-red; soil, red, silt sized part.
- 250-265 conglomerate; loose, dom. pea gravel size, sub rd, poor sorting, cht., igneous & vol. rk frags, also cinders
- 265-300 sh, lt gry, yel. sft. sticky, sndy in pt.
(approx.)
- 300-352 ss w/minor sh; ss, lt yel, cream, v.f.-m.gn, dom ptz, ang, m. hd., shly, no ves. por., occ iron stnd.
- 352-365 ss & sh interbed; ss. as above f-m gn.; sh v lt gry, sft, sticky
(approx.)
- 365-394 sh. m. gry, red-gry, sft-m. firm, silty in pt, sndy in part
- 394-433 sh, red, purple, wh, pk, sft-firm, silty in pt. non-calc
- 433-462 sh. & ss interbed; sh. red-brn, gen. sft, sndy in pt; ss, red-brn, dk red, m. gn, dom. qtz, ang, w/abd mica (biotite), v dirty, silty, mod. friable, calc, no vis. por.
- Geolograph correction 3 ft. downhole 462' = 465'
- 465-486 ss w/minor sh, ss, as above, occ lt grn, v calc, sh as above
- 486-505 ss, wh, m gn, dom qtz, sub ang, sub-rd, w/abd grn mica, sh matrix in pt, calc, no vis por
- Ran E Log @ 492' - SP - Res.
Mud - Res = 3.8 @ 74°
- 505-520 sh w/minor ss; sh red-orange, purple sft, calc; ss, m. grns, wh, purple, dom qtz, sub rd, w/mica, calc, no vis por

4.
Arizona Hole 204
(Vernon Area)

2

520-572 sh w/interbed ss & ls; sh; red-orange, purple, wh grn, aft-a firm
calc; ss as above; ls, lt grn, wh, v.f. xln-dse, hd-a aft,
chalky in pt, no vis por

572-625 Dolomite, lt brn, tan, v f xln-dse, m hard, sli sacrosic in pt,
sli vugular in pt, vugs unconnected, sli oolitic in pt

625-637 no returns, drilled very rapidly - unable to regain circulation

T. D. 637

Ran E. logs Dry hole method

1. SP - Resistivity 0'-632'
2. Gamma Ray 0'-637'

TOPS:

FLW 6744
↓

Formation	Depth
Base Basalt & cinders	250 (6303) 6444
T. Cret.	272 (6281) 6472
T. Dakota	298 (6255) 6446
T. Moenkopi	394? (6159) 6352
T. San Andres	576 (5977) 6108
T. Glorieta	625? (5928) 6115
T.D.	637' 6107

Hole unplugged at owners request
Hole abandoned on July 21, 1962.

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209 - 2

SECRET  
Arizona Hole 231-A (Vernon Area, Apache County)  
Sec. 2, T10N-R25E  
3810' PSL and 210' FWL  
Elev. 6553'

Spud - July 18, 1962  
Drilling w/compressed air 4 3/4" hole.

- 0-89 Basalt; m-dk gry, hd, v.f xlin, dse, w/occ phenocrysts of olivine, vesicular in pt
- 89-250 Basalt; cinders & soil interbed; basalt as above; cinders, basalt, v. vesicular, blk-red; soil, red, silt sized part.
- 250-265 conglomerate; loose, dom. pea gravel size, sub rd, poor sorting, cht., igneous & vol. rk frags, also cinders
- 265-300 sh, lt gry, yel. sft. sticky, sndy in pt.  
(approx.)
- 300-352 ss w/minor sh; ss, lt yel, cream, v.f.-m.gn, dom ptz, ang, m. hd., shly, no ves. por., occ iron std.
- 352-365 ss & sh interbed; ss. as above f-m gn.; sh v lt gry, sft, sticky  
(approx.)
- 365-394 sh. m. gry, red-gry, sft-m. firm, silty in pt, sndy in part
- 394-433 sh, red, purple, wh, pk, sft-firm, silty in pt. non-calc
- 433-462 sh. & ss interbed; sh. red-brn, gen. sft, sndy in pt; ss, red-brn, dk red, m. gn, dom. qtz, ang, w/abd mica (biotite), v dirty, silty, mod. friable, calc, no vis. por.
- Geolograph correction 3 ft. downhole 462' = 465'
- 465-486 ss w/minor sh, ss, as above, occ lt grn, v calc, sh as above
- 486-505 ss, wh, m gn, dom qtz, sub ang, sub-rd, w/abd grn mica, sh matrix in pt, calc, no vis por
- Ran E Log @ 492' - SP - Res.  
Mud - Res = 3.8 @ 74°
- 505-520 sh w/minor ss; sh red-orange, purple sft, calc; ss, m. grns, wh, purple, dom qtz, sub rd, w/mica, calc, no vis por

4. Arizona Hole 204  
(Vernon Area)

2

520-572 sh w/interbed ss & ls; sh; red-orange, purple, wh grn, sft-m firm  
calc; ss as above; ls, lt grn, wh, v.f.xln-dse, hd-m sft,  
chalky in pt, no vis por

572-625 Dolomite, lt brn, tan, v f xln-dse, m hard, sli sucrosic in pt,  
sli vugular in pt, vugs unconnected, sli oolitic in pt

625-637 no returns, drilled very rapidly - unable to regain circulation

T. D. 637

Ran E. logs Dry hole method

1. SP - Resistivity 0'-632'
2. Gamma Ray 0'-637'

TOPS:

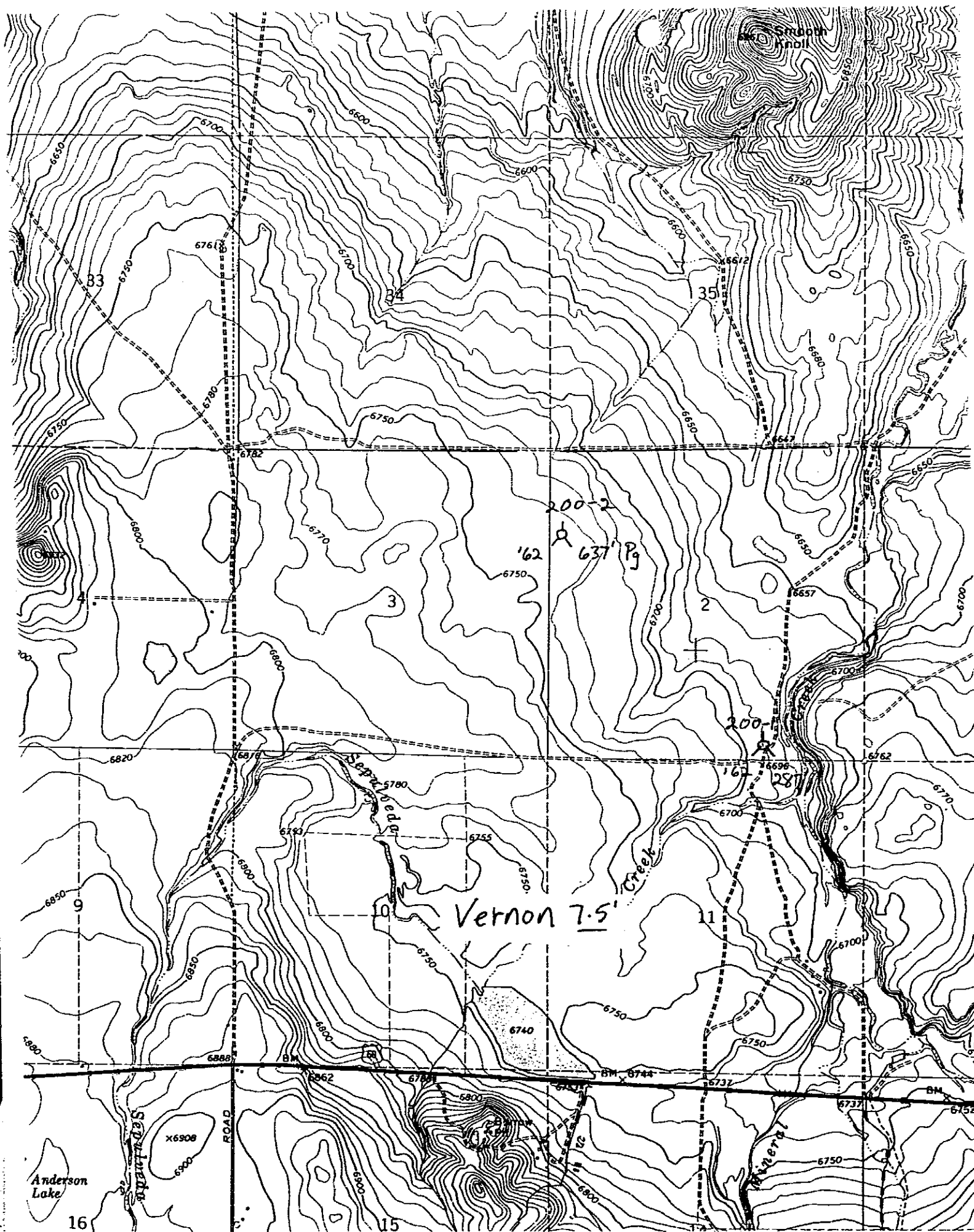
6100 6744

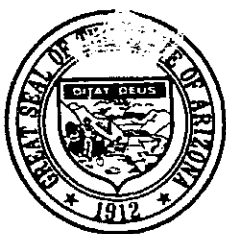
| Formation             | Depth       |      |
|-----------------------|-------------|------|
| Base Basalt & cinders | 250 (6303)  | 6494 |
| T. Cret.              | 272 (6281)  | 6472 |
| T. Dakota             | 298 (6255)  | 6446 |
| T. Moenkopi           | 394? (6159) | 6350 |
| T. San Andres         | 576 (5977)  | 6168 |
| T. Glorieta           | 625? (5928) | 6119 |
| T.D.                  | 637'        | 6107 |

Hole unplugged at owners request  
Hole abandoned on July 21, 1962.

(200)

- 2





Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

October 3, 1995

Ms. Elizabeth Coffman  
Dwight's EnergyData, Inc.  
4350 Will Rogers Parkway, Suite 101  
Oklahoma City, OK 73108

*file 200-2*

Dear Elizabeth:

I have enclosed the information in our files 29 (Apache Oil & Helium #3 Macie), 200-1 (Cities Service #204 Strat), and 200-2 (Cities Service #204A Strat) in response to your recent request. Please note that a new API number is assigned to the Cities Service #204A Strat: 02-001-05363. I had this new number assigned after learning that wells 204 and 204A both carried the same number! As I have noted before, information in some of the earlier well files is sometimes quite meager.

Let me know if I may be of further assistance.

Sincerely,

*Steven L. Rauzi*

Steven L. Rauzi  
Oil & Gas Program Administrator

Enclosures

March 31, 1965

Memo to: File 197  
198  
199  
200  
201

From: John Bannister, Executive Secretary

Re: Cities Service Strat Tests

Cities Service made five applications which were assigned permit numbers 197 through 201.

Inasmuch as some of the area tests encountered an unexpected lava flow, some of the locations were changed by permission of the Commissioners. See minutes of July 25, 1964 meeting. The locations that changed were drilled under the original permits and in this case did not reflect the location as finally drilled.

In some cases a test was started at one location, said location being plugged and abandoned and a new well being drilled under the same permit at a different location.

Permit 197. Issued for Cities Service Strat Test 201, SW/4SE/4, S22-T9N-R27E. This well completed and no changes are involved in this file.

Permit 198. Issued for Cities Service Strat Test 202, SE/4NE/4, S33-T11N-R25E. However, this location was abandoned and the well was drilled as Strat Test 13, NW/4NW/4, S34-T9N-R27E.

Permit 199. Issued for Strat Test 4, NW/4NE/4, S6-T8N-R28E. This well was drilled and abandoned and Strat Test 202 was drilled under this same permit, SW/4NW/4, S15-T8N-R28E. (The Strat Test 4 location should be carried as abandoned.)

Permit 200. Issued for Strat Test 204, SW/4SE/4, S2-T10N-R25E. The test however was abandoned and a new location, SW/4NW/4, S2-T10N-R25E, was completed.

Permit 201. Issued to cover Cities Services Strat Test 205, SW/4SE/4, S17-T9N-R27E, but this location was abandoned and the Cities Service Strat Test 10, SW/4SW/4, S35-T9N-R27E, was drilled instead.

SW/4SE/4

200-2

SW/4NW/4

200

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To reiterate:

Permit 197 should reflect well 201, SW/4SW/4, S22-T9N-R27E.

Permit 198 covers Strat Test 13, NW/4NW/4, S34-T9N-R27E.

Permit 199, Strat Test 202, located SW/4NW/4, S15-T9N-R26E.

Permit 200, <sup>2</sup>Strat Test 204, <sup>SW/4NW/4</sup>~~SW/4SW/4~~, S2-T10N-R23E.

Permit 201, Strat Test 10, SW/4SW/4, S35-T9N-R27E.

All wells have been properly plugged and abandoned and Bond M-240117 in the amount of \$10,000 was released on September 12, 1963.

200-2

November 18, 1963

Mr. E. A. Springer  
Land and Lease Department  
Cities Service Oil Company  
Bartlesville, Oklahoma

Re: Release of Surety  
Oil & Gas Bond  
Blanket Drilling  
Bond, etc.

Dear Mr. Springer:

It is with pleasure we release your above captioned bond in regard to the requirements of paragraph 101 "Bond", since the Rules and Regulations of this Commission are satisfied.

It was unfortunate that your operation occurred at a time when the change over in rules requiring permits on strat tests was happening and a misunderstanding took place.

It is hoped you'll pursue some more operations in Arizona in the future.

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:lj

NOTE: Bond Serial No. M 24 81 17  
Bond in the following file:  
"Cities Service Petro - Collar #201  
SW SW Sec. 22-T9N-R27E, Apache County"

209-2



CITIES SERVICE OIL COMPANY

BARTLESVILLE, OKLAHOMA

September 12, 1963

Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix 7, Arizona

Re: Oil and Gas Bond  
Blair's Drilling Bond  
to the State of Arizona  
EX-48212, I.N.A.

Gentlemen:

By your letter of May 31, 1963 you advised that certain obligations had to be satisfied before you could furnish or release a Release of Surety under this bond.

We have been advised by our Field Office that these obligations have been satisfied, and we would like to be furnished with a Release of Surety under this bond so that it may be removed from our records.

Very truly yours,

LAND AND LEASE DEPARTMENT  
Rental Section

E. A. Springer  
E. A. Springer

EAS:vjt

Mr. E. A. Springer

RE Release of Surety - Oil & Gas Bond - Blair's Drilling Bond etc  
from Mr. Springer

It is with pleasure we release your <sup>captioned</sup> bond in regard to the requirements of paragraph 101 "Bond", since the Rules and Regulations of this Commission <sup>are</sup> satisfied. ~~Since your operation~~  
It was unfortunate that your operation occurred at

**POWER OF ATTORNEY**

**INSURANCE COMPANY OF NORTH AMERICA**

PHILADELPHIA, PA.

Know all men by these presents: That the INSURANCE COMPANY OF NORTH AMERICA, a corporation of the Commonwealth of Pennsylvania, having its principal office in the City of Philadelphia, Pennsylvania, pursuant to the following Resolution, which was adopted by the Board of Directors of the said Company on June 9, 1953, to wit:

"RESOLVED, pursuant to Articles 3.6 and 5.1 of the By-Laws, that the following Rules shall govern the execution for the Company of bonds, undertakings, recognizances, contracts and other writings in the nature thereof:

- (1) "Such writings shall be signed by the President, a Vice President, an Assistant Vice President, a Resident Vice President or an Attorney-in-Fact.
- (2) "Unless signed by an Attorney-in-Fact, such writings shall have the seal of the Company affixed thereto, duly attested by the Secretary, an Assistant Secretary or a Resident Assistant Secretary. When such writings are signed by an Attorney-in-Fact, he shall either affix an impression of the Company's seal or use some other generally accepted method of indicating use of a seal (as by writing the word "Seal" or the letters "L.S." after his signature).
- (3) "Resident Vice Presidents, Resident Assistant Secretaries and Attorneys-in-Fact may be appointed by the President or any Vice President, with such limits on their authority to bind the Company as the appointing officer may see fit to impose.
- (4) "Such Resident Officers and Attorneys-in-Fact shall have authority to act as aforesaid, whether or not the President, the Secretary, or both, be absent or incapacitated; and shall also have authority to certify or verify copies of this Resolution, the By-Laws of the Company, and any affidavit or record of the Company necessary to the discharge of their duties.
- (5) "Any such writing executed in accordance with these Rules shall be as binding upon the Company in any case as though signed by the President and attested by the Secretary."

does hereby nominate, constitute and appoint W. H. FREIBURGER, J. D. FREIBURGER and GERTRUDE D. JOHNSON, all of the City of Bartlesville, State of Oklahoma

its true and lawful agent and attorney -in-fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings in penalties not exceeding TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000.00) each in its business of guaranteeing the fidelity of persons holding places of public or private trust, and in the performance of contracts other than insurance policies, and executing and guaranteeing bonds or other undertakings not exceeding TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000.00) each as aforesaid, required or permitted in all actions or proceedings or by law required or permitted.

All such bonds and undertakings as aforesaid to be signed for the Company and the Seal of the Company attached thereto by any one of the said W. H. Freiburger, J. D. Freiburger or Gertrude D. Johnson, individually

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Philadelphia, Commonwealth of Pennsylvania, in their own proper persons.

IN WITNESS WHEREOF, the said R. G. OSGOOD, Vice-President, has hereunto subscribed his name and affixed the corporate seal of the said INSURANCE COMPANY OF NORTH AMERICA this 14th day of September 1960

INSURANCE COMPANY OF NORTH AMERICA

(SEAL)

by R. G. OSGOOD Vice-President

STATE OF PENNSYLVANIA }  
COUNTY OF PHILADELPHIA }

On this 14th day of September, A.D. 1960, before the subscriber, a Notary Public of the Commonwealth of Pennsylvania, in and for the County of Philadelphia, duly commissioned and qualified, came R. G. OSGOOD, Vice-President of the INSURANCE COMPANY OF NORTH AMERICA to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of the same, and, being by me duly sworn, deposeth and saith, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the corporate seal of said Company, and the said corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority and direction of the said corporation, and that Resolution, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Philadelphia, the day and year first above written.

(SEAL)

MARY MARGARET JONES Notary Public.

My commission expires July 15, 1962

I, the undersigned, Assistant Secretary of INSURANCE COMPANY OF NORTH AMERICA, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a full, true and correct copy, is in full force and effect.

In witness whereof, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of the Corporation, this 19th day of June 1962.

(SEAL)

Assistant Secretary.

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. M 24 81 17

That  
we: CITIES SERVICE PETROLEUM COMPANY

of the  
County of: WASHINGTON in the  
State of: OKLAHOMA

as principal,  
and INSURANCE COMPANY OF NORTH AMERICA

of PHILADELPHIA, PENNSYLVANIA  
AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

All lands situated within the State - this being a blanket bond.  
(May be used as blanket bond or for single well)

**CANCELLED**

DATE 9-12-63

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Ten Thousand Dollars (\$10,000.00) -----

Witness our hands and seals, this 19th day of JUNE, 1962

ATTEST: CITIES SERVICE PETROLEUM COMPANY

By K.A. Carson Assistant Secretary J. Evans Assistant Treasurer Principal

Witness our hands and seals, this 19th day of JUNE, 1962

ATTEST: INSURANCE COMPANY OF NORTH AMERICA  
BY Gertrude D. Johnson BY W.H. Freiburger Attorney-in-Fact  
WALTER FREIBURGER & SON AGENCY  
Bartlesville, Oklahoma Surety

W. H. Matchum Resident Agent - Arizona

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved \_\_\_\_\_

Date

STATE OF ARIZONA  
OIL AND GAS CONSERVATION COMMISSION

187- Canceled 11-12-63

July 29, 1963

Cities Service Oil Company  
P. O. Box 760  
Roswell, New Mexico

Attention: Mr. J. Frank Riney, Landman

Re: Strat Tests  
Apache County,  
Arizona

Gentlemen:

Thank you for your letter of July 18 addressed to the attention of Mr. Petty enclosing the various forms covering strat tests drilled in this state. I am sorry that we are going to ask that you give us more information.

Your original Permit #197 called for a well in Sec. 22, 9N, 27E, and you have furnished the information required on the drilling of this test.

→ Your Permit #200 covered a test in Sec. 2, 10N, 25E, on which you have furnished information.

Your Permit #198 covered a test in Sec. 23, 11N, 25E; Your Permit #199 covered a test in Sec. 23, 11N, 25E and your Permit #201 covered a test in Sec. 17, 9N, 27E.

Our files indicate that permission was granted to you to change locations of several of these proposed tests for which you were given permits.

In your letter of July 18 you furnished us completion notices on Strat Test #4 located in Sec. 6, 9N, 25E; Strat Test #10 in Sec. 25, 9N, 27E and Strat Test #9 in Sec. 24, 9N, 27E.

We assume that these last three tests for which you furnished completion notices were in place of those permitted you under Permits 198, 199 and 201 for which you received permission to change locations. Presuming this is the case, will you please inform us which strat tests, as indicated above, should be assigned to Permits 198, 199 and 201.

Yours very truly,

H. A. McCutick  
Executive Secretary

300/2



**CITIES SERVICE OIL COMPANY**

P. O. BOX 760, ROSWELL, NEW MEXICO

July 18, 1963

Oil and Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

ATTENTION: Mr. John E. Petty, Petroleum Geologist

Dear Mr. Petty:

As per your request we are enclosing the following forms covering stratigraphic tests drilled in the state of Arizona:

STRAT TEST #201 (Permit 0197)

2 copies Form No. P-7, well completion and well log.  
Forms 15-3, P-15, sample description, and electric logs were furnished previously. Surface marker was set at this location on July 10, 1962. The test you found without a marker was undoubtedly one of the following tests on which markers were recently set.

STRAT TEST #204

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description

STRAT TEST #1

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description  
2 copies Electric Log

STRAT TEST #20

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description

STRAT TEST #21

2 copies Form #P-15, Plugging Record  
2 copies Form #P-7, well completion and well log  
2 copies sample description  
2 copies Electric Log

PAGE 2

You will note we have used two numbering systems. This was the result of two planned drilling programs. The difficulties encountered in drilling the strat-tests in this area resulted in our drilling only a few of the tests set out in our drilling programs.

Several more strat-tests were drilled in this area which were turned over to the test center. Information on these tests will be forwarded in the next report.

Yours truly,

John H. Lee

May 31, 1963

Mr. E. A. Springer  
Land and Lease Department  
Rental Section  
Cities Service Oil Company  
Bartlesville, Oklahoma

Re: Oil and Gas Bond - Blanket Drilling Bond to the  
State of Arizona #A-10217 T.M.A.

Dear Mr. Springer:

Confirming my telephone conversation with you on 5/29/63, regarding  
to the amendment of the Blanket Drilling Bond, we are enclosing  
your current bond in July, 1963, as well as a copy of the  
that at our last inspection of the bond last April by you  
in Sec. 22, T1N, R1E, Apache County, Arizona had not been properly  
properly packed in conformance with our regulations. A permanent  
marker will necessarily have to be installed before we can  
release the bond as requested.

Your company has previously furnished us with copies of electric  
logs and copies of sample descriptions; however, it did not  
file a well completion report as required. We are enclosing  
herewith sufficient forms for you to furnish this completion  
report to us.

Yours very truly,

H. A. Ludewick  
Executive Secretary

encs

200-2  
100

CITIES SERVICE OIL COMPANY

BARTLESVILLE, OKLAHOMA

May 28, 1963

Oil and Gas Conservation Commission  
State of Arizona  
Phoenix, Arizona

Re: Oil and Gas Bond  
Blanket Drilling Bond  
to the State of Arizona  
#A-245117 I.D.A.

Gentlemen:

Our company has a \$1,000 Blanket Drilling Bond with Cities Service Petroleum Company as Principal and the State of Arizona as North American Surety which has a premium of \$100.00. Our company has advised that we will be releasing this bond in 1964.

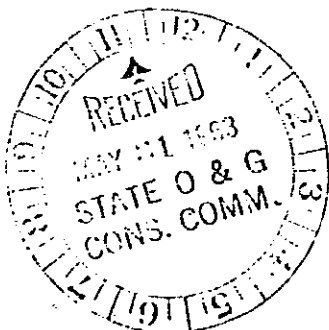
Please furnish us with an authorization to cancel this bond so that our Surety Company will release us from further liability under same.

Very truly yours,

LAND AND LEASE DEPARTMENT  
Rental Section

E. A. Springer  
E. A. Springer

EAS:vjt



5/31/63  
called Springer and  
then sent about on postcard  
marker and department  
samples.

200-2



# CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

September 20, 1962

Oil & Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

Attention: Mr. John K. Petty

Gentlemen:

On July 2, 1962, we forwarded five Applications to Drill covering five stratigraphic tests we proposed to drill in Apache County, Arizona. These Applications were approved by you on July 7, and assigned the following permit numbers:

|     | <u>C.S.P. Well No.</u>          | <u>Ariz. O. &amp; G.C.C. Permit No.</u> |
|-----|---------------------------------|-----------------------------------------|
| CSD | 5 Sec., Wilcox,                 | 201 - 1853. 22-AN-R27E 197              |
|     |                                 | 202 - 1186 Rye 15-8N-R11E 198           |
|     |                                 | 203 199                                 |
|     | → 204 - 287 Rye 2-10N-25E 200 ← |                                         |
|     | 205 201                         |                                         |

We are enclosing three copies each of Form No. 15-A and Form No. P-15 covering the stratigraphic test drilled under Permit No. 197.

The proposed strat tests which were assigned Permit Numbers 198, 199, 200, and 201 were not drilled, and we hereby give notice of the abandonment of these locations. Please advise if this letter is sufficient notice of the abandonment of the proposed tests or if certain forms should be filed with your office.

We wish to thank you for your cooperation during our operations in the State of Arizona.

Yours very truly,

CITIES SERVICE PETROLEUM COMPANY

J. Frank Riney, District Landman

JFR:b  
Enclosures

Permit Register  
Posted

200

July 30, 1962

Mr. Frank Riney, District Landman  
Cities Service Petroleum Company  
3010 Monte Vista, N. E.  
Albuquerque, New Mexico

Re: Strat Tests - Apache County, Arizona

Dear Mr. Riney:

At the July 25 meeting of the Arizona Oil and Gas Conservation Commission, the commissioners were agreeable to your moving the locations of some of your stratigraphic tests on account of thickness of the volcanics, etc. thus verifying your telephone conversation with Don Jerome who told you to go ahead, your request was granted.

However, please bear in mind that these strat tests are now subject to the same plugging and other regulations a regular drilled hole is. So please observe water shut off, permanent marking with pipe, etc. and data to be sent to this office.

We sincerely hope you will complete some of them as economically paying wells and that you will extend your operations far and wide in this State.

Thanking you for the information which you and Mr. Anderson gave me this morning, I am

Yours truly,

John E. Petty  
Petroleum Geologist

200-2  
196

July 9, 1962

Cities Service Petroleum Company  
3010 Monte Vista N. E.  
Albuquerque, New Mexico

Attn: Mr. J. Frank Riney, District Landman

Gentlemen:

Enclosed are approved copies of your application for permit  
to drill the following stratigraphic tests:

Cities Service Petroleum - J.H. Colter Well #201  
Sec. 22, T9N, R27E, Apache County, Arizona

Cities Service Petroleum - Babbitt/English Well #202  
Sec. 33, T11N, R25E, Apache County, Arizona

Cities Service Petroleum - Utah State Lease 6450  
Well #203 - Sec. 28, T11N, R25E, Apache County, Arizona

→ Cities Service Petroleum - Utah State Lease 6450  
Well #204 - Sec. 2, T10N, R25E, Apache County, Arizona

Cities Service Petroleum - Arizona State Lease 5893  
Well #205 - Sec. 17, T9N, R27E, Apache County, Arizona

Also enclosed is your receipt for the \$125.00 fee for the  
five permits.

We certainly wish you the greatest success in these ventures  
and please do not hesitate to call upon us if we may help in  
any way.

Yours very truly,

Helen M. Hrenic  
Secretary

case 6



## CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

July 2, 1962

Oil and Gas Conservation Commission  
State of Arizona  
Suite 221, 3500 North Central Avenue  
Phoenix, Arizona

Attention: Mr. D. A. Jerome, Executive Secretary

Gentlemen:

We are enclosing two copies each of five Applications for Permit to Drill covering five stratigraphic tests we propose to drill in Apache County, Arizona. We are also enclosing Cities Service Draft No. 385 in the amount of \$125.00 covering application fees. We hope to commence drilling operations on these tests in the very near future, therefore, any action you can take to expedite the processing of these forms will be greatly appreciated.

We are also enclosing a blanket surety bond in the amount of \$10,000.00 with power of attorney and organization report attached.

In order to expedite our operations we would appreciate it if you would call this office collect when the processing of the application forms and bond have been completed.

Please forward a supply of the application forms for our future use.

Very truly yours,

CITIES SERVICE PETROLEUM COMPANY

J. Frank Riney  
District Landman

JFR:blw  
Enclosures

May 2, 1962

Mr. J. Frank Riser, District Landman  
Office Service Petroleum Company  
2010 Monte Vista N. W.  
Albuquerque, New Mexico

Dear Frank:

This will acknowledge receipt of your letter of April 20,  
1962.

We are happy that you are getting interested in business  
and we do hope you will drill as several wells in the area  
after your seismic data work is evaluated.

Sincerely yours,

D. A. Jerome  
Executive Secretary

200-2

1421

CITIES SERVICE PETROLEUM COMPANY

3010 MONTE VISTA N. E.  
ALBUQUERQUE, NEW MEXICO

April 30, 1962

Mr. D. A. Jerome, Executive Secretary  
Arizona State Oil and Gas Conservation Commission  
3500 North Central Avenue, Suite 221  
Phoenix, Arizona

Dear Mr. Jerome:

As per your telephone instructions of April 19, 1962,  
and April 27, 1962, we have moved a shallow seismic rig into  
the Springerville area of Northeastern Arizona. In connection  
of our operations in the area, we will furnish you with a plot  
showing the sites on which the rig was operated.

If you require any additional information, please  
contact us.

Yours very truly,

CITIES SERVICE PETROLEUM COMPANY

*J. Frank Riney*  
J. Frank Riney, District Landman

JFR:b